

Fig. 1

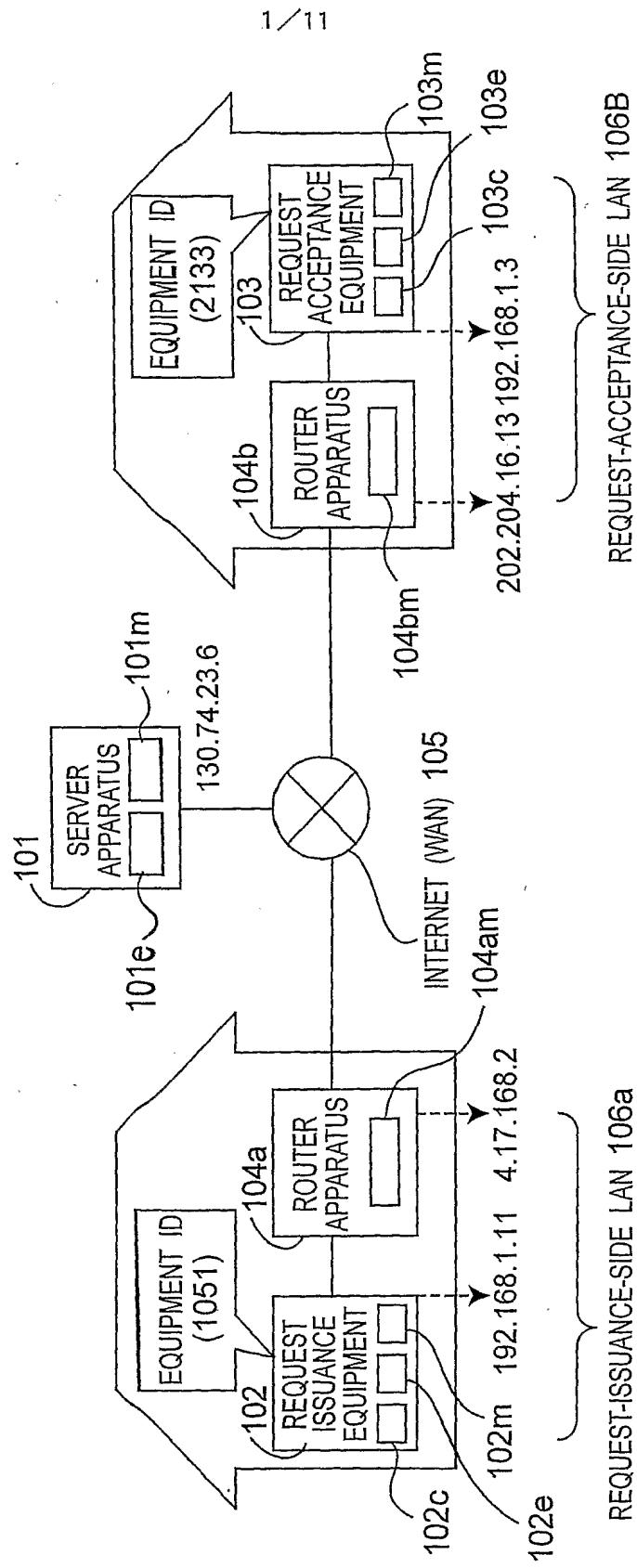


Fig.2

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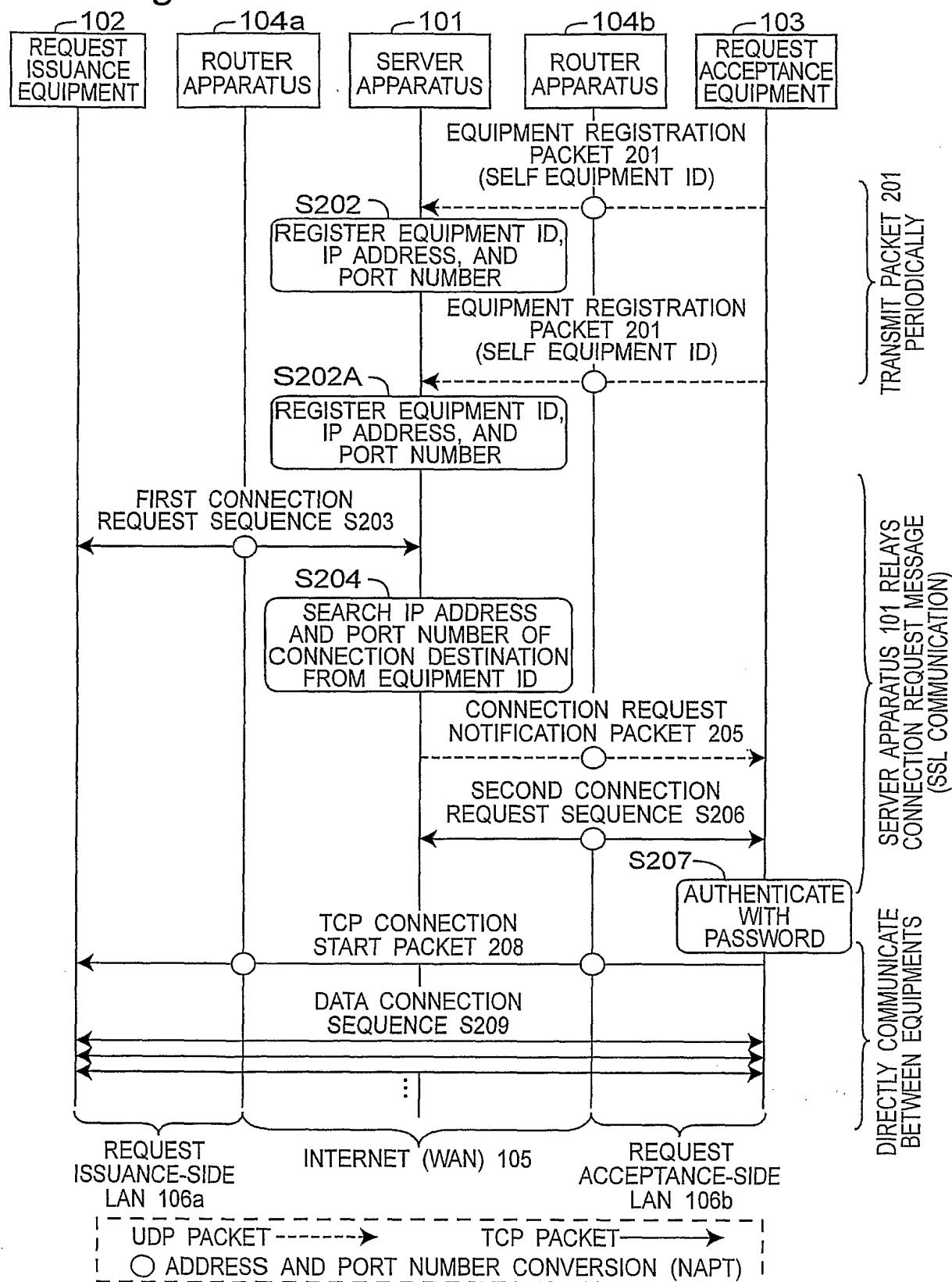
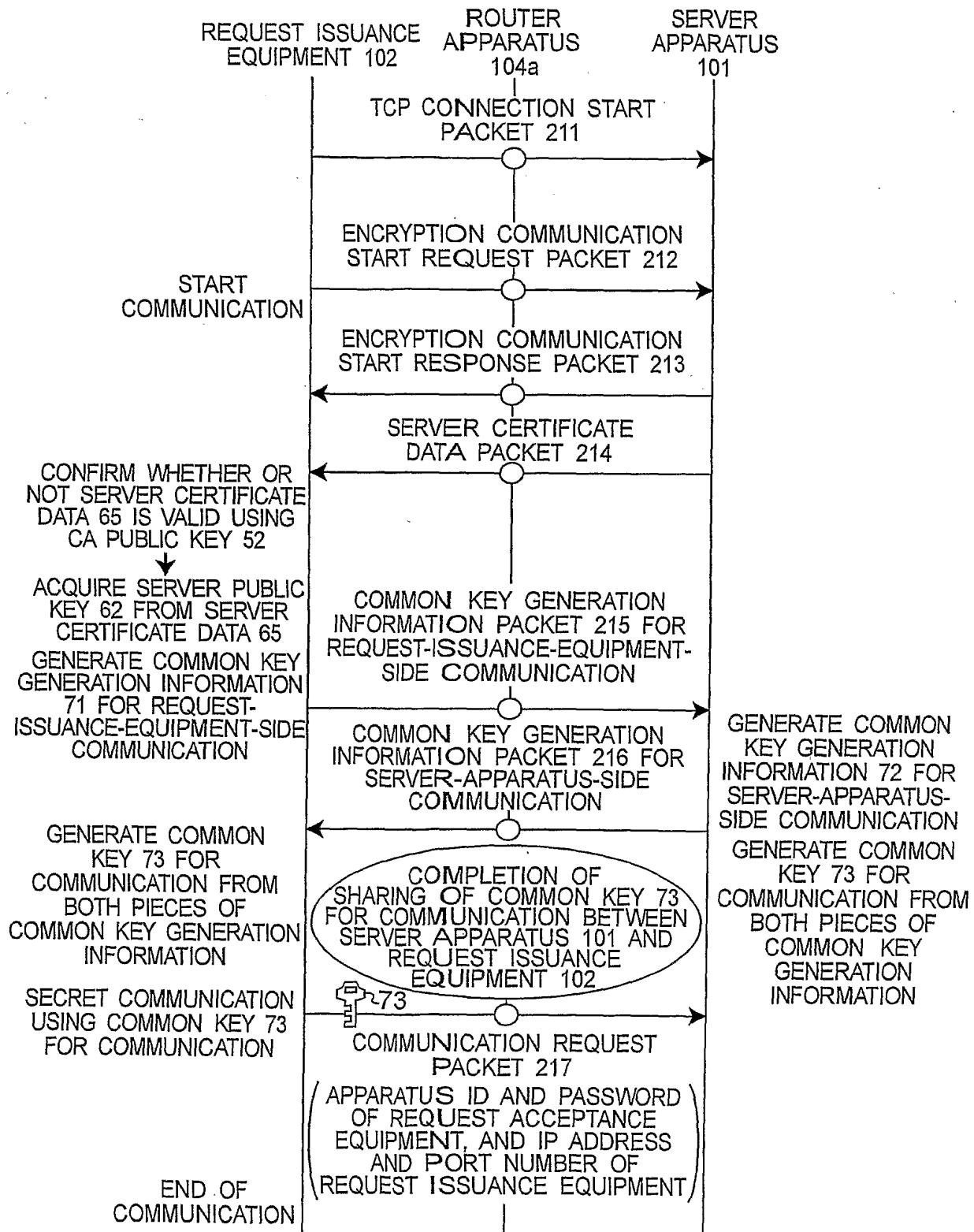


Fig.3

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## FIRST CONNECTION REQUEST SEQUENCE S203



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Fig. 4

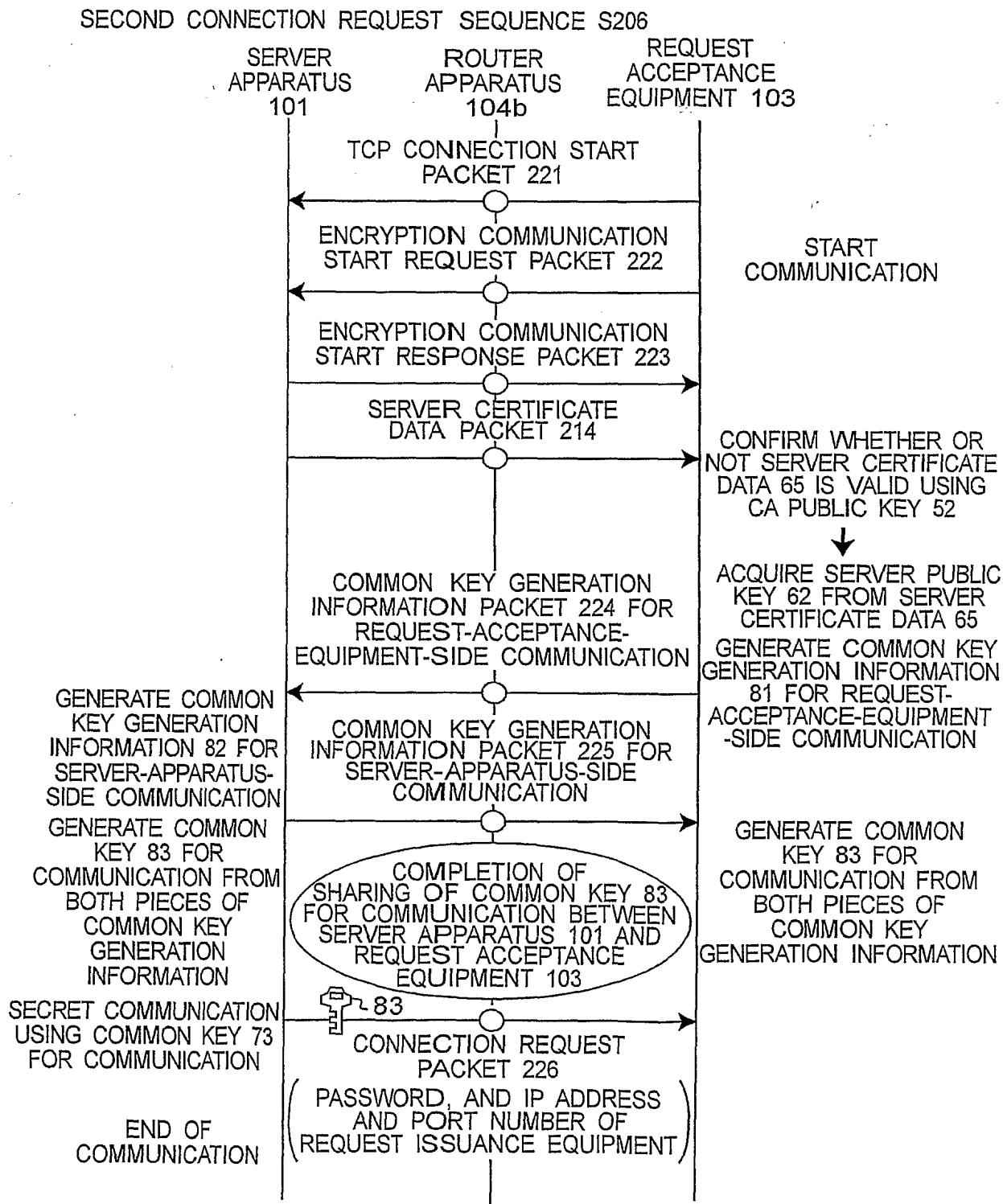


Fig. 5

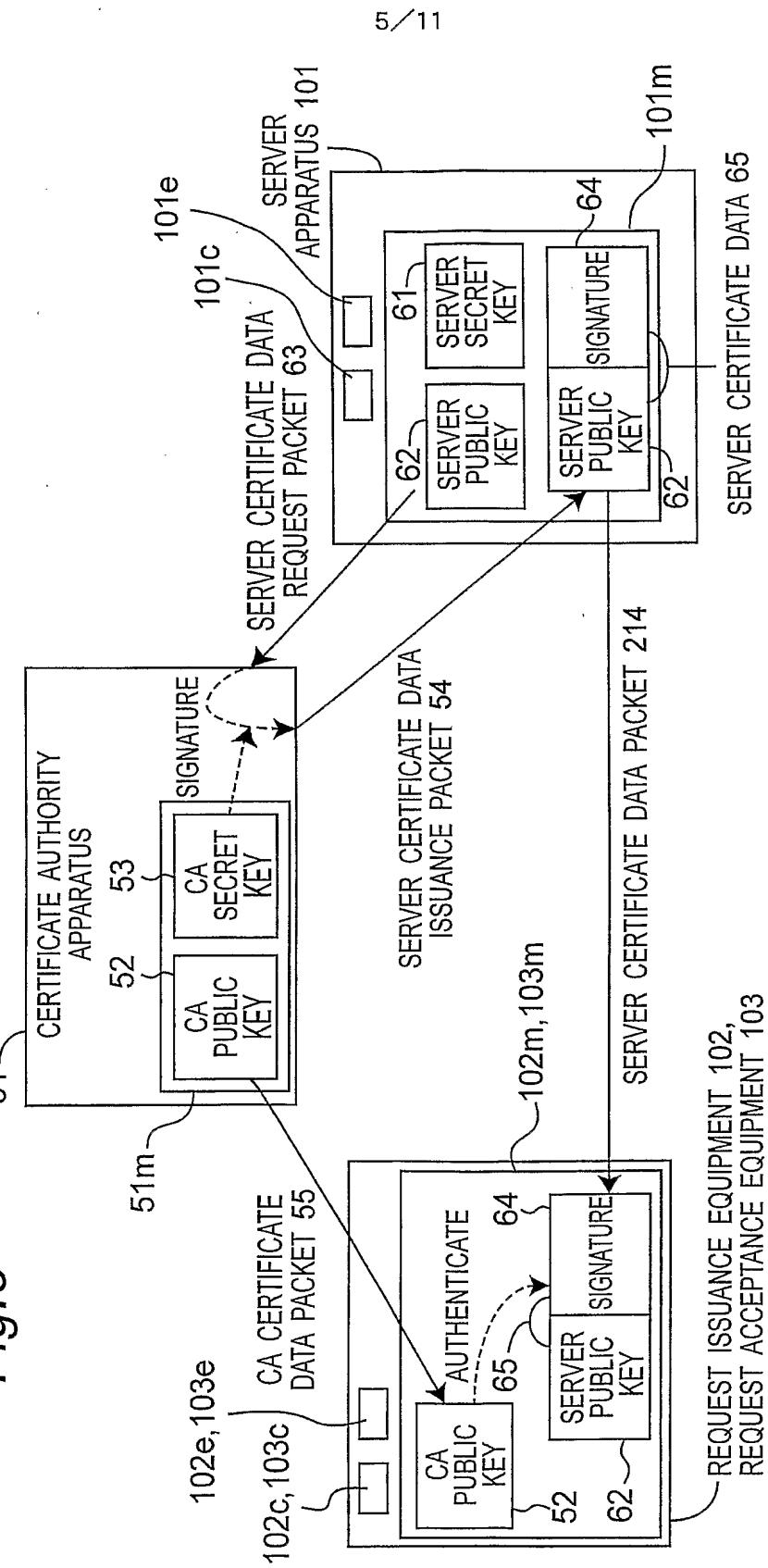


Fig. 6

104am

LAN EQUIPMENT ADDRESS	WAN ROUTER ADDRESS	LAN EQUIPMENT PORT NUMBER	WAN ROUTER PORT NUMBER
192.168.1.11	4.17.168.2	1500	7000
192.168.1.11	4.17.168.2	1600	5000
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FOR TCP COMMUNICATION WITH SERVER APPARATUS 101

FOR TCP COMMUNICATION WITH REQUEST ACCEPTANCE EQUIPMENT 103

*Fig. 7A*EQUIPMENT REGISTRATION  
PACKET 201 (LAN SIDE)

SA= 192.168.1.3
DA= 130.74.23.6
SP= 2000
DP= 1200
EQUIPMENT ID OF REQUEST ACCEPTANCE EQUIPMENT 103 (2133)

SA: SOURCE ADDRESS FIELD  
 DA: DESTINATION ADDRESS FIELD  
 SP: SOURCE PORT NUMBER FIELD  
 DP: DESTINATION PORT NUMBER FIELD

*Fig. 7B*EQUIPMENT REGISTRATION  
PACKET 201 (WAN SIDE)

SA= 202.204.16.13
DA= 130.74.23.6
SP= 3400
DP= 1200
EQUIPMENT ID OF REQUEST ACCEPTANCE EQUIPMENT 103 (2133)

SA: SOURCE ADDRESS FIELD  
 DA: DESTINATION ADDRESS FIELD  
 SP: SOURCE PORT NUMBER FIELD  
 DP: DESTINATION PORT NUMBER FIELD

*Fig. 7C*CONNECTION REQUEST  
PACKET 217 (LAN SIDE)

SA= 192.168.1.11
DA= 130.74.23.6
SP= 1500
DP= 1201
EQUIPMENT ID OF REQUEST ACCEPTANCE EQUIPMENT 103 (2133)
PASSWORD OF REQUEST ACCEPTANCE EQUIPMENT 103
IP ADDRESS OF REQUEST- ISSUANCE-SIDE LAN 106a (4.17.168.2)
PORT NUMBER OF REQUEST- ISSUANCE-SIDE LAN 106a (5000)

SA: SOURCE ADDRESS FIELD  
 DA: DESTINATION ADDRESS FIELD  
 SP: SOURCE PORT NUMBER FIELD  
 DP: DESTINATION PORT NUMBER FIELD

*Fig. 7D*CONNECTION REQUEST  
PACKET 217 (WAN SIDE)

SA= 4.17.168.2
DA= 130.74.23.6
SP= 7000
DP= 1201
EQUIPMENT ID OF REQUEST ACCEPTANCE EQUIPMENT 103 (2133)
PASSWORD OF REQUEST ACCEPTANCE EQUIPMENT 103
IP ADDRESS OF REQUEST- ISSUANCE-SIDE LAN 106a (4.17.168.2)
PORT NUMBER OF REQUEST- ISSUANCE-SIDE LAN 106a (5000)

SA: SOURCE ADDRESS FIELD  
 DA: DESTINATION ADDRESS FIELD  
 SP: SOURCE PORT NUMBER FIELD  
 DP: DESTINATION PORT NUMBER FIELD

*Fig.8A*

CONNECTION REQUEST NOTIFICATION  
PACKET 205 (LAN SIDE)

SA= 130.74.23.6
DA= 192.168.1.3
SP= 1200
DP= 2000
CONNECTION REQUEST NOTIFICATION FLAG

SA: SOURCE ADDRESS FIELD  
DA: DESTINATION ADDRESS FIELD  
SP: SOURCE PORT NUMBER FIELD  
DP: DESTINATION PORT NUMBER FIELD

*Fig.8B*

CONNECTION REQUEST NOTIFICATION  
PACKET 205 (WAN SIDE)

SA= 130.74.23.6
DA= 202.204.16.13
SP= 1200
DP= 2400
CONNECTION REQUEST NOTIFICATION FLAG

SA: SOURCE ADDRESS FIELD  
DA: DESTINATION ADDRESS FIELD  
SP: SOURCE PORT NUMBER FIELD  
DP: DESTINATION PORT NUMBER FIELD

*Fig.8C*

CONNECTION REQUEST  
PACKET 226 (LAN SIDE)

SA= 130.74.23.6
DA= 192.168.1.3
SP= 1300
DP= 2600
PASSWORD OF REQUEST ACCEPTANCE EQUIPMENT 103
IP ADDRESS OF REQUEST- ISSUANCE-SIDE LAN 106a (4.17.168.2)
PORT NUMBER OF REQUEST- ISSUANCE-SIDE LAN 106a (5000)

SA: SOURCE ADDRESS FIELD  
DA: DESTINATION ADDRESS FIELD  
SP: SOURCE PORT NUMBER FIELD  
DP: DESTINATION PORT NUMBER FIELD

*Fig.8D*

CONNECTION REQUEST  
PACKET 226 (WAN SIDE)

SA= 130.74.23.6
DA= 202.204.16.13
SP= 1300
DP= 2401
PASSWORD OF REQUEST ACCEPTANCE EQUIPMENT 103
IP ADDRESS OF REQUEST- ISSUANCE-SIDE LAN 106a (4.17.168.2)
PORT NUMBER OF REQUEST- ISSUANCE-SIDE LAN 106a (5000)

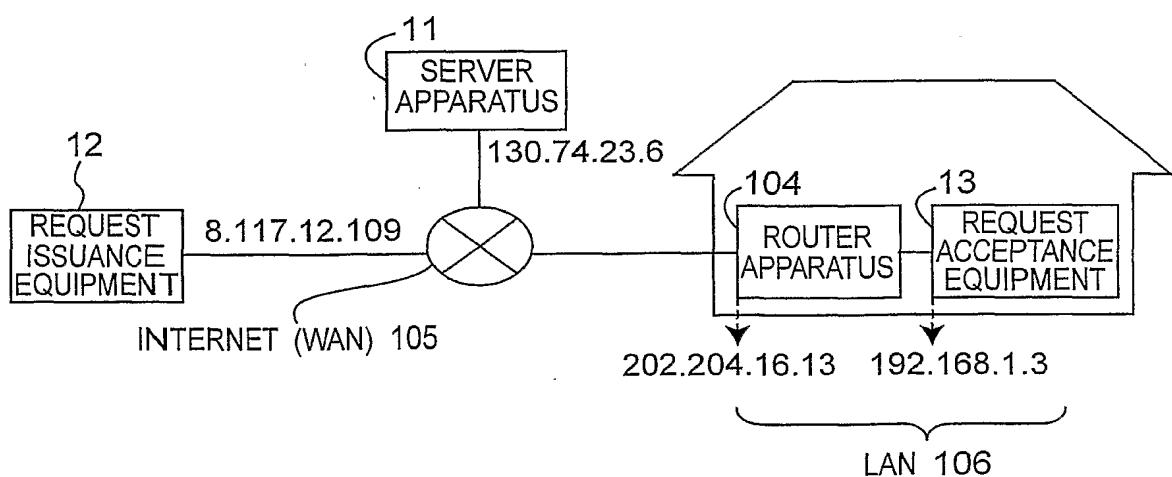
SA: SOURCE ADDRESS FIELD  
DA: DESTINATION ADDRESS FIELD  
SP: SOURCE PORT NUMBER FIELD  
DP: DESTINATION PORT NUMBER FIELD

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Fig.9

EQUIPMENT ID	IP ADDRESS	PORT NUMBER
2133	202.204.16.13	3400
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Fig.10



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Fig. 11

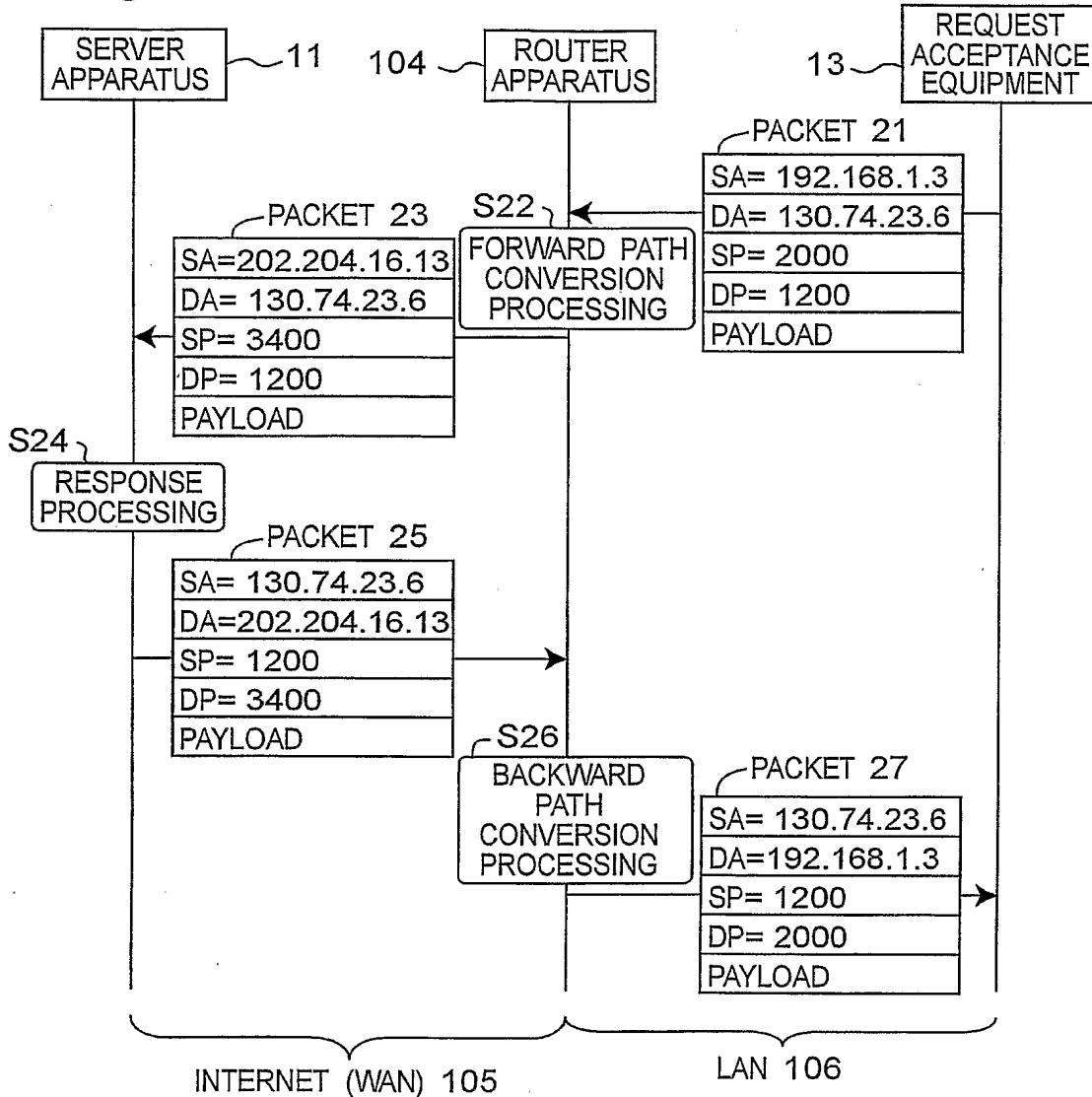


Fig. 12

LAN EQUIPMENT ADDRESS	WAN ROUTER ADDRESS	LAN EQUIPMENT PORT NUMBER	WAN ROUTER PORT NUMBER
192.168.1.3	202.204.16.13	2000	3400
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Fig. 13

